

**AMENDMENTS TO THE SPECIFICATION:**

**ABSTRACT**

A temperature monitoring process for a refrigerator interior and a device for such monitoring. A monitoring unit is formed by a temperature sensitive element and a thermal buffer liquid in a transparent container. The monitoring unit container is placed in the refrigerator in any location to be monitored. The temperature is visually detected by observing a temperature related variable characteristic of the temperature sensitive element, such as the color of one or more areas of the temperature sensitive element.